

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-33. **(Canceled)**

34. **(Currently amended)** A method for installing a magnet valve with an armature and a valve member including a receiving mandrel into a housing, the method comprising ~~following method steps-~~ :

locking the valve member in a receptacle of a fixed installation device;  
mounting ~~a -the-~~ magnet plate and a spacer plate on the receiving mandrel of the valve member;  
pressing the magnet plate, spacer plate and ~~the~~ valve member against the receptacle;  
displacing the magnet plate and the spacer plate by a predetermined amount relative to the valve member;  
connecting the armature and the receiving mandrel, so that the armature rests on the magnet plate.

35. **(Currently amended)** The method as defined by claim 34, wherein the predetermined amount is equivalent to ~~a -the-~~ sum of ~~a -the-~~ valve stroke and a remanent air gap between the armature and the magnet plate.

36. **(Currently amended)** The method as defined by claim 34, further comprising placing a spacer ring and a capsule onto the magnet plate and tightly welding -weld- the spacer ring, capsule and the magnetic plate to one another.
37. **(Currently amended)** The method as defined by claim 35, further comprising placing a spacer ring and a capsule onto the magnet plate and tightly welding -weld- the spacer ring, capsule and the magnetic plate to one another.
38. **(Currently amended)** The method as defined by claim 34, wherein the magnetic valve is mounted in the a housing by inserting a the compression spring and the valve member into the housing, triggering a the coil of a the magnet valve with a current that is selected such that the magnetic force exerted on the armature is greater than a the spring force that is exerted by the compression spring on the valve member; recording the spring force, exerted on the valve member by the compression spring, as a function of a the position of the valve member in the housing; evaluating the recorded spring force and travel graph; and ~~-as needed-~~, correcting the spring force exerted by the compression spring by inserting an adjusting plate bearing on the compression spring.
39. **(Currently amended)** The method as defined by claim 38, wherein, once the spring initial force of the compression spring has been corrected, function monitoring is performed, and ~~-if needed-~~ another correction of a the thickness of the adjusting plate is made.